

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 10 51 SHEETS
F.A.I. 57	(X1-6-2) VB-2	WILLIAMSON	917	843	
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-			

Contract #98950

☉ SOUTHBOUND ROADWAY & PROFILE GRADE

BEAM 17

BEAM 18

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151591.01	0.00	466.86	466.86
☉ Brg. N. Abut.	151592.26	0.00	466.87	466.87
A	151602.26	0.00	466.92	466.92
B	151612.26	0.00	466.98	466.98
C	151622.26	0.00	467.03	467.03
☉ Brg. Pier 1	151627.34	0.00	467.06	467.06
D	151637.34	0.00	467.11	467.13
E	151647.34	0.00	467.17	467.20
F	151657.34	0.00	467.22	467.27
G	151667.34	0.00	467.27	467.31
H	151677.34	0.00	467.33	467.35
☉ Brg. Pier 2	151687.68	0.00	467.38	467.38
I	151697.68	0.00	467.44	467.43
J	151707.68	0.00	467.49	467.49
K	151717.68	0.00	467.55	467.55
☉ Brg. S. Abut.	151722.76	0.00	467.57	467.57
Bk. S. Abut.	151724.01	0.00	467.58	467.58

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151590.82	5.71	466.77	466.77
☉ Brg. N. Abut.	151592.07	5.71	466.78	466.78
A	151602.07	5.71	466.83	466.83
B	151612.07	5.71	466.89	466.89
C	151622.07	5.71	466.94	466.94
☉ Brg. Pier 1	151627.16	5.71	466.97	466.97
D	151637.16	5.71	467.02	467.04
E	151647.16	5.71	467.08	467.11
F	151657.16	5.71	467.13	467.18
G	151667.16	5.71	467.18	467.22
H	151677.16	5.71	467.24	467.26
☉ Brg. Pier 2	151687.49	5.71	467.29	467.29
I	151697.49	5.71	467.35	467.34
J	151707.49	5.71	467.40	467.40
K	151717.49	5.71	467.46	467.46
☉ Brg. S. Abut.	151722.57	5.71	467.48	467.48
Bk. S. Abut.	151723.82	5.71	467.49	467.49

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151590.59	12.63	466.66	466.66
☉ Brg. N. Abut.	151591.84	12.63	466.67	466.67
A	151601.84	12.63	466.72	466.72
B	151611.84	12.63	466.77	466.77
C	151621.84	12.63	466.83	466.83
☉ Brg. Pier 1	151626.93	12.63	466.86	466.86
D	151636.93	12.63	466.91	466.93
E	151646.93	12.63	466.96	467.00
F	151656.93	12.63	467.02	467.06
G	151666.93	12.63	467.07	467.11
H	151676.93	12.63	467.13	467.15
☉ Brg. Pier 2	151687.26	12.63	467.18	467.18
I	151697.26	12.63	467.24	467.23
J	151707.26	12.63	467.29	467.29
K	151717.26	12.63	467.34	467.34
☉ Brg. S. Abut.	151722.34	12.63	467.37	467.37
Bk. S. Abut.	151723.59	12.63	467.38	467.38

WEST STAGE CONSTRUCTION JOINT

BEAM 19

BEAM 20

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151590.45	16.96	466.57	466.57
☉ Brg. N. Abut.	151591.70	16.96	466.57	466.57
A	151601.70	16.96	466.63	466.63
B	151611.70	16.96	466.68	466.68
C	151621.70	16.96	466.74	466.74
☉ Brg. Pier 1	151626.79	16.96	466.76	466.76
D	151636.79	16.96	466.82	466.84
E	151646.79	16.96	466.87	466.91
F	151656.79	16.96	466.93	466.97
G	151666.79	16.96	466.98	467.02
H	151676.79	16.96	467.03	467.05
☉ Brg. Pier 2	151687.12	16.96	467.09	467.09
I	151697.12	16.96	467.14	467.14
J	151707.12	16.96	467.20	467.20
K	151717.12	16.96	467.25	467.25
☉ Brg. S. Abut.	151722.20	16.96	467.28	467.28
Bk. S. Abut.	151723.45	16.96	467.29	467.29

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151590.37	19.54	466.51	466.51
☉ Brg. N. Abut.	151591.62	19.54	466.52	466.52
A	151601.62	19.54	466.57	466.58
B	151611.62	19.54	466.63	466.63
C	151621.62	19.54	466.68	466.68
☉ Brg. Pier 1	151626.70	19.54	466.71	466.71
D	151636.70	19.54	466.76	466.78
E	151646.70	19.54	466.82	466.85
F	151656.70	19.54	466.87	466.92
G	151666.70	19.54	466.93	466.96
H	151676.70	19.54	466.98	467.00
☉ Brg. Pier 2	151687.03	19.54	467.04	467.04
I	151697.03	19.54	467.09	467.09
J	151707.03	19.54	467.14	467.14
K	151717.03	19.54	467.20	467.20
☉ Brg. S. Abut.	151722.12	19.54	467.23	467.23
Bk. S. Abut.	151723.37	19.54	467.23	467.23

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted For Dead Load Deflection
Bk. N. Abut.	151590.14	26.46	466.37	466.37
☉ Brg. N. Abut.	151591.39	26.46	466.38	466.38
A	151601.39	26.46	466.43	466.43
B	151611.39	26.46	466.48	466.48
C	151621.39	26.46	466.54	466.54
☉ Brg. Pier 1	151626.47	26.46	466.57	466.57
D	151636.47	26.46	466.62	466.64
E	151646.47	26.46	466.67	466.71
F	151656.47	26.46	466.73	466.77
G	151666.47	26.46	466.78	466.82
H	151676.47	26.46	466.84	466.86
☉ Brg. Pier 2	151686.81	26.46	466.89	466.89
I	151696.81	26.46	466.94	466.94
J	151706.81	26.46	467.00	467.00
K	151716.81	26.46	467.05	467.05
☉ Brg. S. Abut.	151721.89	26.46	467.08	467.08
Bk. S. Abut.	151723.14	26.46	467.09	467.09

DESIGNED	Michael D. Cima
CHECKED	Fess Teklehaimanot
DRAWN	BECKY M. LEACH
CHECKED	M.D.C. & F.T.

EXAMINED	Thomas J. Demagala ENGINEER OF BRIDGE DESIGN
PASSED	Ralph E. Anderson ENGINEER OF BRIDGES AND STRUCTURES

January 22, 2007

TOP OF SLAB ELEVATIONS
F.A.I. RT. 57 SEC. (X1-6-2)VB-2
WILLIAMSON COUNTY
STA. 1516+58.56
S.N. 100-0086 (N.B.)
S.N. 100-0087 (S.B.)